



DATE: March 25, 1988
TO: Land Division File
FROM: G. E. Steele, DLPC/FOS
SUBJECT: 1990550010 - Williamson Co.
Perma-Treat
ILD063698971 F.O.S. Incident #3796



An investigation of a spill of C.C.A. (Copper-Chrome-Arsenic) wood preservative at the Perma-Treat plant in Marion was conducted on March 25, 1987⁸ by this author. Mr. Rudy Bond of Perma-Treat called the Marion Regional Office at approximately 10:00 a.m. He stated that they had had a spill of the preservative from their retort the night of 3-24-87⁸. Apparently, the door to the treatment cylinder did not get completely closed. When the cylinder was pressurized, the .9% chemical solution was forced out. Mr. Bond said between 5 to 10 gallons were lost. The spill did not leave the property. He had contacted the National Response Center, who informed him that this was not a reportable spill. He was calling IEPA because of past good working relationships and to insure that his cleanup plan was adequate.

The spill covered an approximate 5 yard x 15 yard area north of the treatment cylinder and west of the covered drip pad. Small ponds of bright green liquid were observed over this area. Mr. Bond planned to treat the affected area using cement as a neutralizing agent and absorbent. The entire area would then be excavated and the soil disposed of through their routine disposal site. (This site generates contaminated soil from cleaning catch basins associated with the treatment area). They were in the process of removing lumber from the area. A truck had been sent to pick up the dry cement. I observed a culvert adjacent to the spill site. I recommended this pipe be blocked until the clean-up was complete.

I left the site and proceeded to where the ditch which runs south of the plant, which the culvert empties into, was crossed by Court Street. The same bright green discoloration was observed in the ditch. I went over to Russell Street, which is one more block east. The bright green discoloration was still seen in the ditch. I returned to Perma-Treat and told them of my findings. I instructed them to notify the Illinois notification number as the spill had left the site. I returned to the Marion office to involve DWPC/FOS in this situation. The ditch, otherwise-known as West Creek, empties into Crab Orchard Creek and Crab Orchard Lake, which are just downstream on the south edge of Marion. Dwight Hill continued the investigation with me. Thunderstorms had moved through the Marion area during the night on 3-24-88. We went to the Rt. 37 bridge over C.O. Creek, which is just before it enters the lake. A small amount of bright green discoloration was seen along the edge of back water near the bridge supports. None was seen in the flowing water. No indications were seen at Market and Boyton streets, or the Monroe Street Bridge. The discoloration was seen at the Ice Plant bridge (College and Granite) and was questionable at the Holland Street bridge. Water samples were taken at the ice plant and Holland Street. We returned to Permi-Treat.

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IEPA-DLPC

Perma-Treat
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Upstream and downstream samples were taken. Mr. Bond was anticipating adding concrete to the ditch to neutralize the material. This was discouraged as it would allow the metals to precipitate out, resulting in contaminated sediments. As flow rates in the creeks were high, and the solution was water soluble, no action will be taken with the material in the ditch. Mr. Bond modified the amount lost was 25 gallons. This was based on tank guage readings.

GES:cs/0473L/4-7-88

cc: DLPC-Marion
DWPC-Marion

RECEIVED
APR 13 1988
IEPA-DLPC

DATE: March 25, 1988

TIME: 10:15

I.D. 1990550010

Williamson County

Perma-Treat

PHOTOGRAPH TAKEN TOWARD THE:

S

ROLL# M-95 PHOTO# 1

PHOTOGRAPH BY:

Gerald E Steele



DATE: March 25, 1988

TIME: 10:25

I.D. 1990550010

Williamson County

Perma-Treat

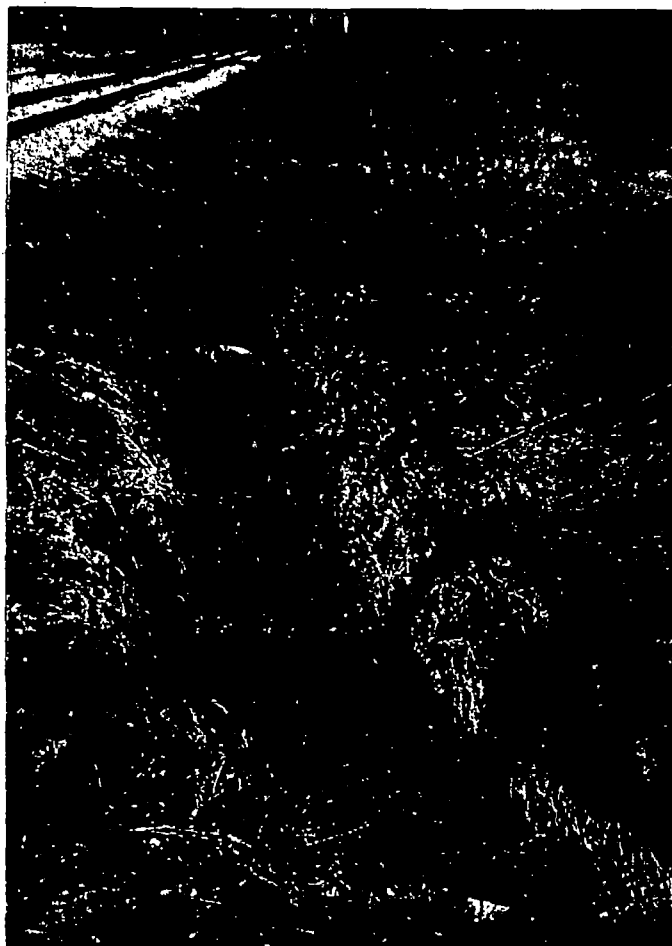
PHOTOGRAPH TAKEN TOWARD THE:

W

ROLL# M-95 PHOTO# 2

PHOTOGRAPH BY:

Gerald E Steele



APR 13 1988
10:12:20

DATE: March 25, 1988

TIME: 11:20

I.D. 1990550010

Williamson County

Perma-Treat

PHOTOGRAPH TAKEN TOWARD THE:

E

ROLL# M-95 PHOTO# 3

PHOTOGRAPH BY:

Gerald E. Steele



DATE: March 25, 1988

TIME: 11:30

I.D. 1990550010

Williamson County

Perma-Treat

PHOTOGRAPH TAKEN TOWARD THE:

NW

ROLL# M-95 PHOTO# 4

PHOTOGRAPH BY:

Gerald E. Steele



RECEIVED
APR 13 1988

REPA-1 PC

DATE: March 25, 1988

TIME: 11:40

I.D. 1990550010

Williamson County

Perma-Treat

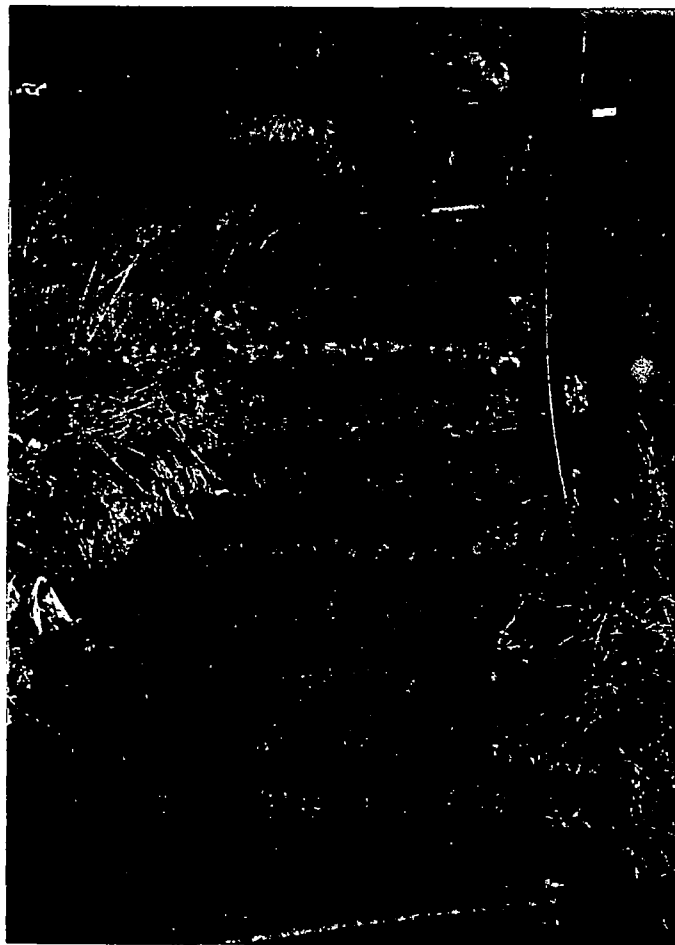
PHOTOGRAPH TAKEN TOWARD THE:

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ROLL# M-95 PHOTO# 5

PHOTOGRAPH BY:

Gerald E Stahl



DATE: _____

TIME: _____

I.D. _____

_____ County

PHOTOGRAPH TAKEN TOWARD THE:

ROLL# _____ PHOTO# _____

PHOTOGRAPH BY:

RECEIVED
APR 13 1988
IEPA-DLPC



Illinois
Environmental
Protection Agency

8	8	0	3	4	8
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IESDA INCIDENT ID

1. Caller: Rudy Bond
2. Call back phone: 618 997-5646
3. represents: Perma Treat
caller notified: 07:00 2 / 25 / 88
caller arrived: 07:00 3 / 25 / 88

ERU received: 11 : 45 3 / 25 / 88
Duty Officer: Brutlag

4. Type of Incident: ☐ Fire ☒ Leak
☐ Explosion ☒ Water Involvement
☐ Gas or Vapor cloud ☐ Other
☐ Evacuation (# of) _____

18. On scene phone: 618/997-5646

16. Contact: Rudy Bond

17. No. injured: 0 Extent of: _____

5. Incident Location
street N. Carbon St

Where taken: _____

19. Public safety concerns: _____

None at this time

_____ ☐ Haz-mat related

20. What state assistance needed? _____

21. Weather: ☒ sunny ☐ overcast

☐ ptly. cldy. ☒ rain ☐ snow

Temp. _____ °F Wind dir. _____ speed _____ mph

22. ☐ PESTICIDE: ☐ spill ☐ fire

Where: ☐ soil ☐ water

Damage: ☐ plants ☐ animal ☐ people

23. Containment/cleanup action & plan

Spray lime on soil. Dammed

ditch. Taking samples.

Excavate soil to Alabama

24. Responsible party: _____

Perma-Treat

8. Contact: Rudy Bond

Mailing address: _____

North Carbon St

Marion, IL.

phone: 618/997-5646

25. Incident terminated locally: _____

☐ Time: _____ / _____ / _____

by whom: _____

15. Local response units contacted

On scene responders:

☐ Fire _____

☐ Sheriff _____

☐ Police _____

☐ Local ESDA _____

☐ Other _____

☐ Fire _____

☐ Sheriff _____

☐ Police _____

☐ Local ESDA _____

☒ Other Marion EPA / NRC

(please PRINT and use 24 HOUR TIME)

LOG OF EVENTS

TIME	WORK HRS.
3-25-88	Rudy Bond → CWB
11:45	Took incident. Material to ditch which is trip to Crab Orchard Lake. Gary Steele & Dwight Hill on scene. Facility makes wood preservatives
4/15/88	
09:50	RLG → Gary Steele, Marion RLG asked what, if any, off-site impact there was following release. Gary said there was slight stream discoloration but no fish kill. The creek or lake did not appear to be impacted.

City Marion
County Williamson

PRP Perma-Treat

8 8 0 3 4 8

IESDA INCIDENT ID

INCIDENT TYPE

1. ☒ Actual ☐ Potential
2. ☐ On Site ☒ Off Site ☐ Transportation
3. ☐ Air ☐ Storm Sewer
☒ Surface Water ☐ Sanitary Sewer
☐ PWS ☐ Inside Building
☐ Soil/Ground Water ☐ Impervious Surface

4. ☐ Abandoned Material ☐ HWF ☐ CSA ☐ LUST
☐ Open Burning Permit ☐ Oil Production
☐ Complaint Generated ☐ Agricultural
☐ PCB
Contractor For HWF _____

DISPOSAL

1. ☐ Verified
2. ☐ Incomplete
3. ☐ Not Necessary

PERMITS (#s)

1. _____ 4. _____
2. _____ 5. _____
3. _____ 6. _____

LETTERS

Type	Sent	Response Required	Response Received
1. _____	____/____/____	____/____/____	____/____/____
2. _____	____/____/____	____/____/____	____/____/____
3. _____	____/____/____	____/____/____	____/____/____
4. _____	____/____/____	____/____/____	____/____/____

ENFORCEMENT

- ☐ Enf Referral Notice Sent ____/____/____
☐ Enf Referral Date ____/____/____
☐ EDG Action ____/____/____
☐ Drop Case
☐ Proceed with enf
Atty. _____
☐ DCI Referral ____/____/____

IEPA NOTIFICATIONS

Name	Div	Date
_____	_____	____/____/____
_____	_____	____/____/____
_____	_____	____/____/____
_____	_____	____/____/____

OUTSIDE NOTIFICATIONS

Agency	Name	Date
<input checked="" type="checkbox"/> IESDA	_____	____/____/____
<input type="checkbox"/> IDPH	_____	____/____/____
<input type="checkbox"/> ISP	_____	____/____/____
<input type="checkbox"/> USEPA	_____	____/____/____
<input type="checkbox"/> SFM	_____	____/____/____
<input type="checkbox"/> M&M	_____	____/____/____
<input type="checkbox"/> DCI	_____	____/____/____
<input checked="" type="checkbox"/> NRC	_____	____/____/____
<input type="checkbox"/> IDOC	_____	____/____/____
<input type="checkbox"/> IDOT	_____	____/____/____
<input type="checkbox"/> IDNS	_____	____/____/____
<input type="checkbox"/> USCG	_____	____/____/____
<input type="checkbox"/> IDOL	_____	____/____/____
<input type="checkbox"/> IDOA	_____	____/____/____
<input type="checkbox"/> _____	_____	____/____/____
<input type="checkbox"/> _____	_____	____/____/____

EVIDENCE SAMPLES

Sample Type (pte or post)	Taken By (Name)	Collected (Date)	To Lab (Date)	Results (Date)
1. _____	_____	____/____/____	____/____/____	____/____/____
2. _____	_____	____/____/____	____/____/____	____/____/____
3. _____	_____	____/____/____	____/____/____	____/____/____
4. _____	_____	____/____/____	____/____/____	____/____/____
<input type="checkbox"/> Photos	_____	____/____/____	____/____/____	____/____/____
<input type="checkbox"/> Videotape # _____	_____	____/____/____	____/____/____	____/____/____

RESPONSE

Name	Telephone	On Scene
Gary Steele	____/____/____	3/25/88
Dwight Hill	____/____/____	3/25/88
_____	____/____/____	____/____/____
_____	____/____/____	____/____/____
_____	____/____/____	____/____/____

EVALUATION

1. HMA
2. ☐ FOS ☐ B/O
3. ☐ FOS ☐ B/O
4. ☐ FOS ☐ B/O
5. ☐ FOS ☐ B/O
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99. ☐ FOS ☐ B/O
100. ☐ FOS ☐ B/O

- NOS to RP ____/____/____
Release Report: Due ____/____/____ Rec'd ____/____/____
IEPA to ESDA Due ____/____/____
Review by Mngr Env. Prgms ____/____/____
IEPA to ESDA Sent ____/____/____
ESDA to RP Due ____/____/____ Sent ____/____/____
3. Recovery/Loss
Recovered Spillage ____%
Unrecovered Loss To
☐ Soil/GW ☐ Sanitary Sewer
☐ Storm Sewer
☐ Air
☐ Environmentally sensitive area

- Closing Date: 3/25/88
☐ No action
☐ Clean closure
☐ Unrecoverable
☐ Referral to _____